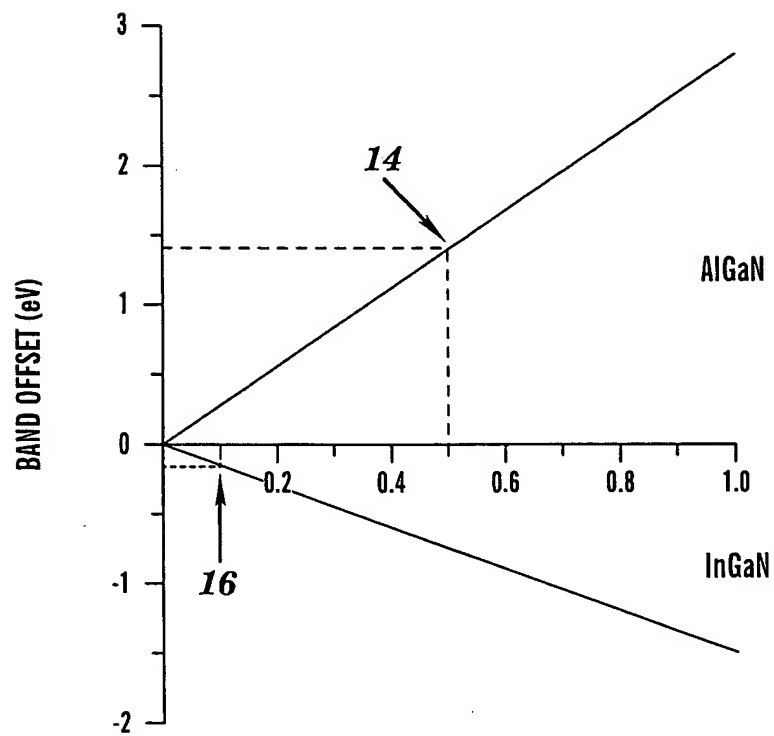
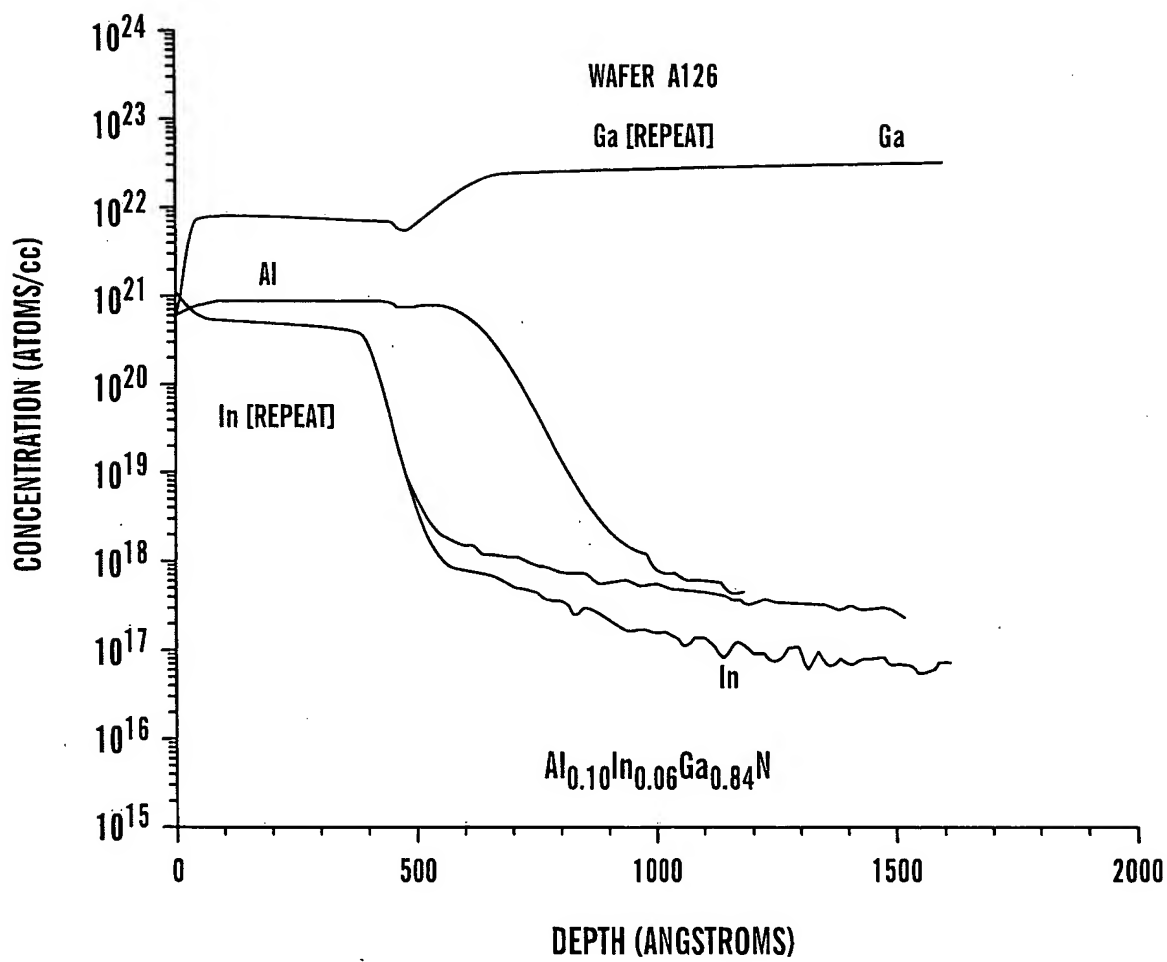
**FIG. 1a****FIG. 1b**

**FIG. 2**

$h\nu = 4.66 \text{ eV}$
 $\tau = 10 \text{ ns}$
 $T = 300 \text{ K}$

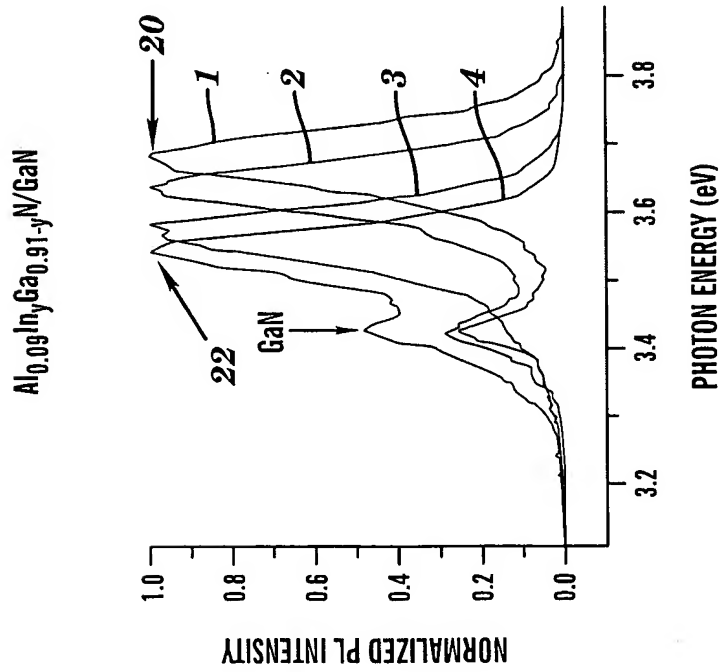


FIG. 3a

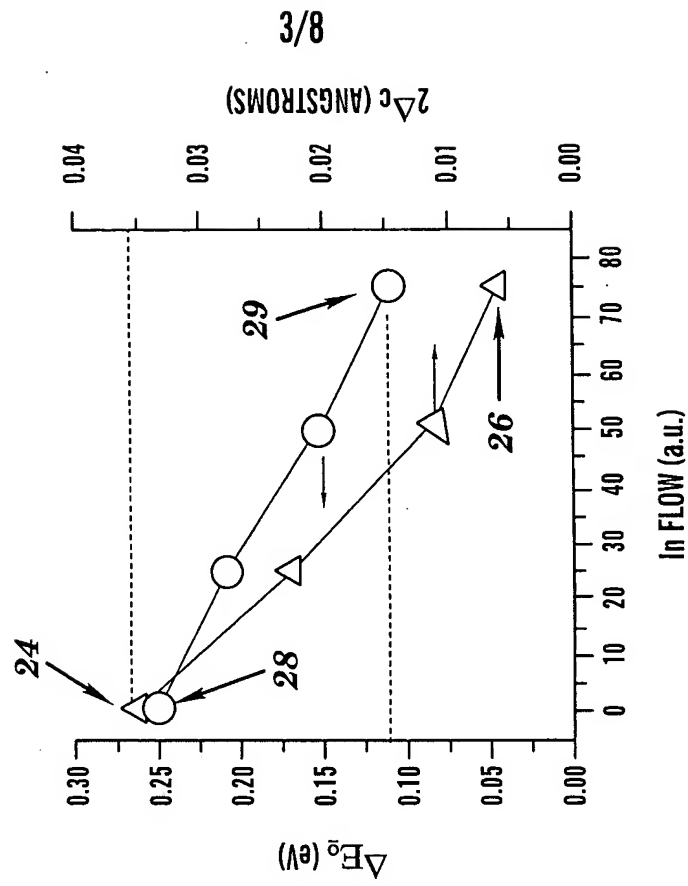
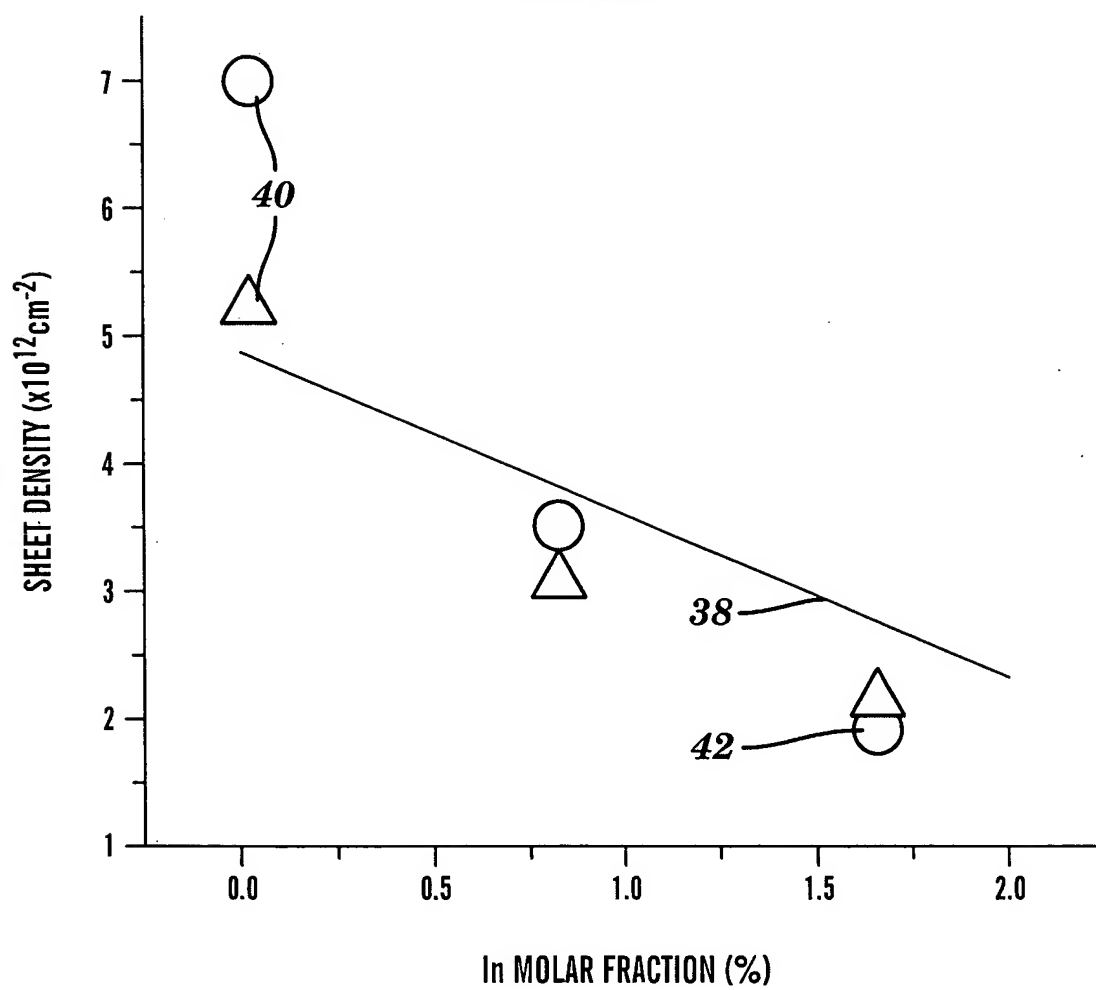
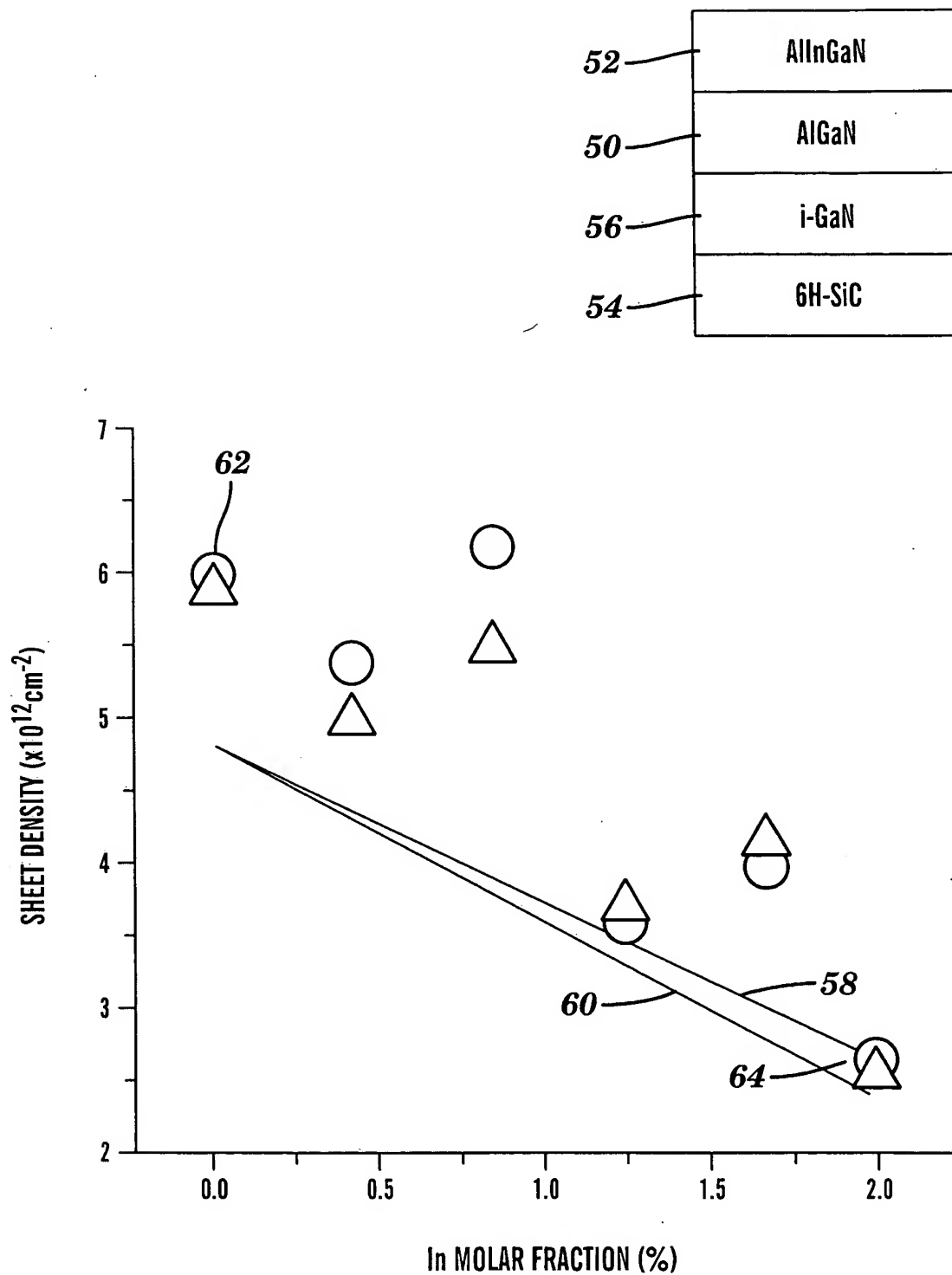


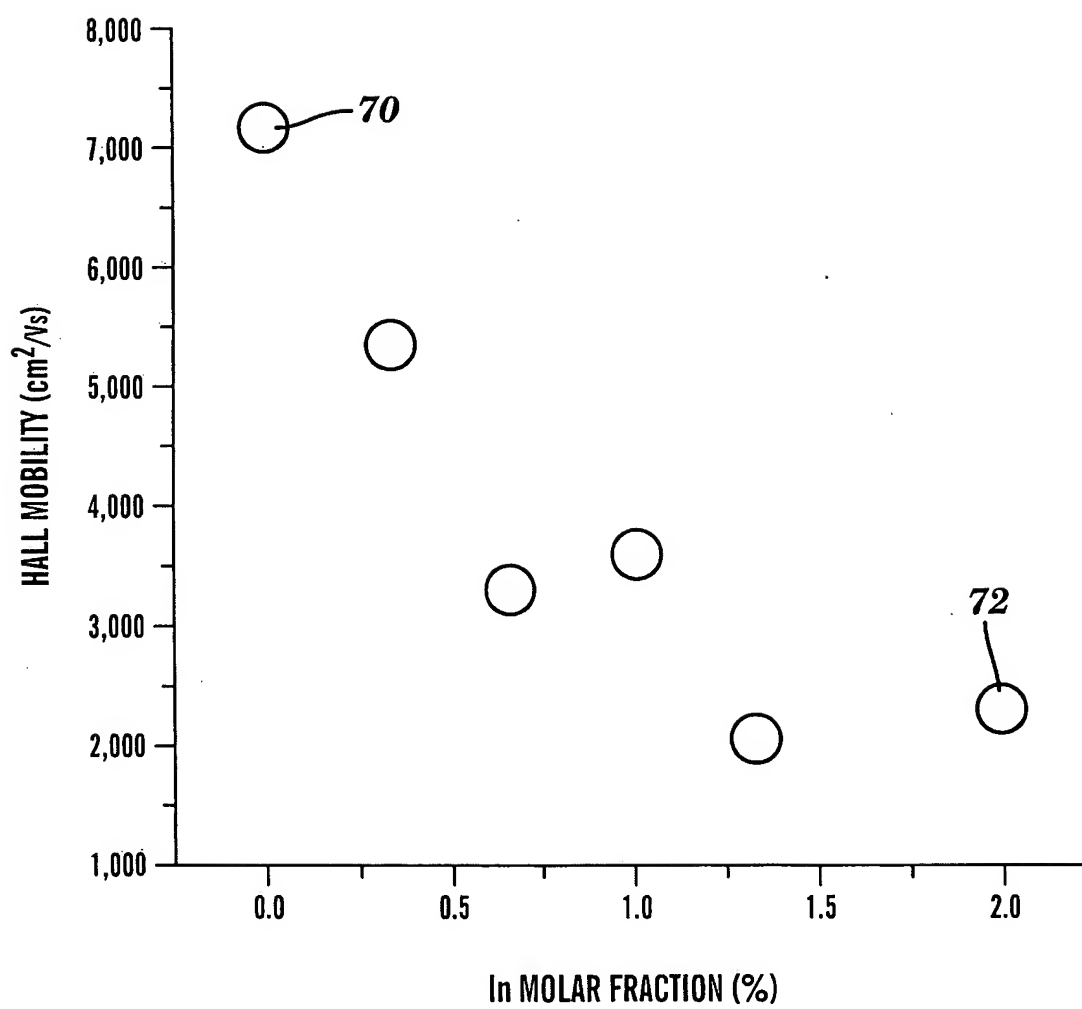
FIG. 3b

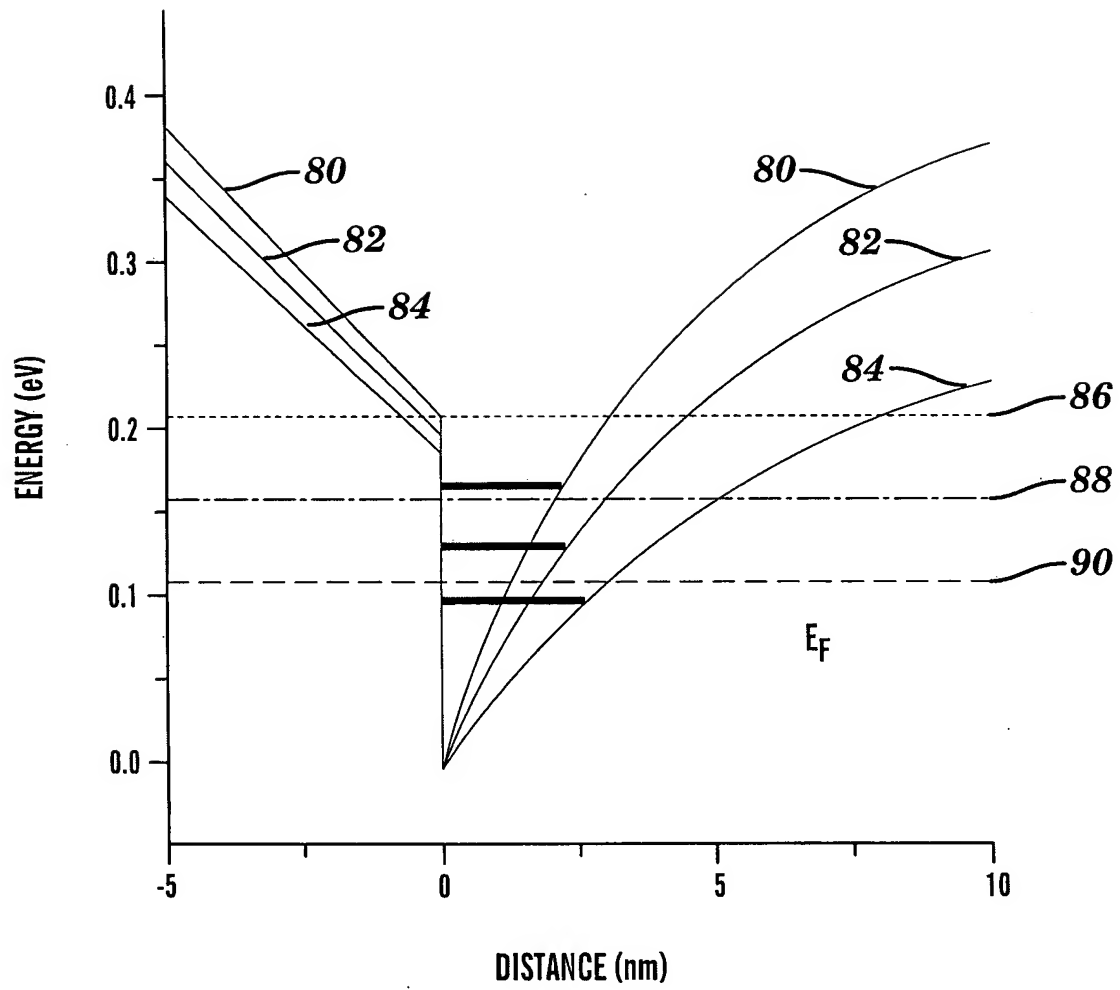
36	AlInGaN
34	i-GaN
32	6H-SiC

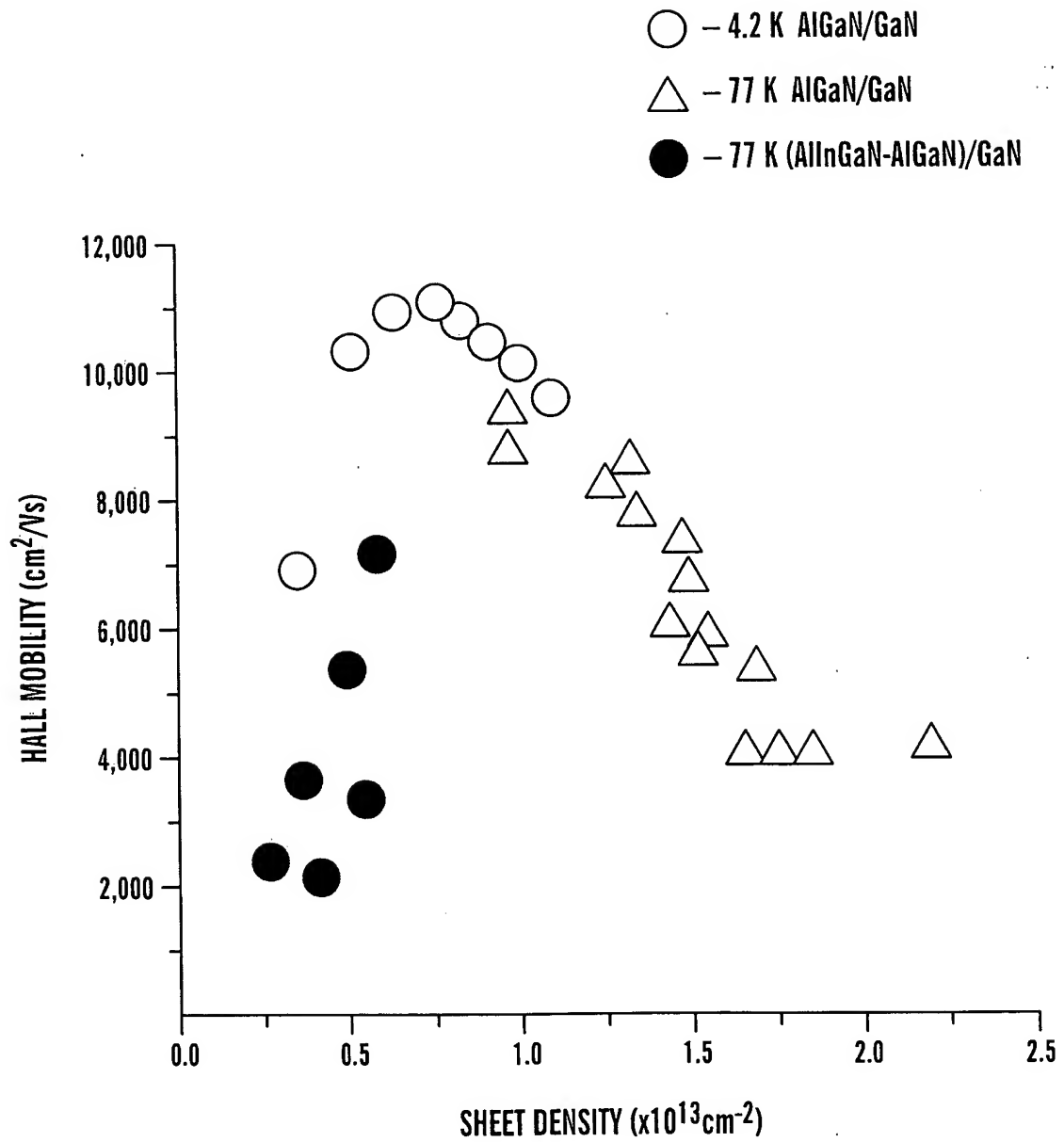
AlInGa N/GaN

**FIG. 4a**

**FIG. 4b**

$T = 80 \text{ K}$ **FIG. 5a**

**FIG. 5b**

**FIG. 5c**